

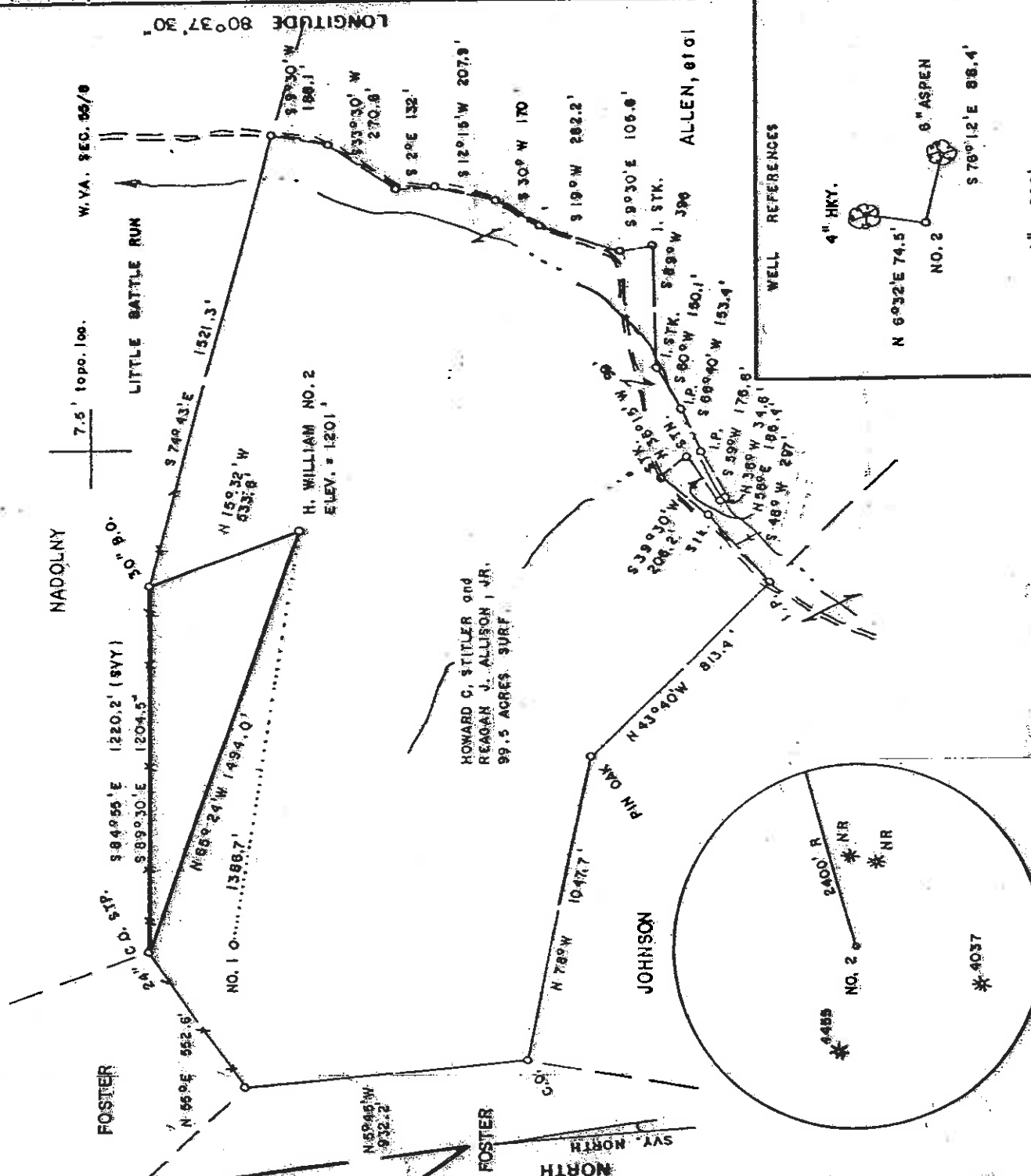
HAROLD WILLIAMS LEASE 99.5 AC.

0000 4456 DD

5800' W

LATITUDE 39° 22' 30"

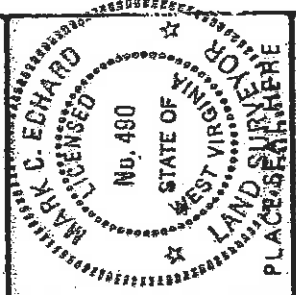
LONGITUDE 80° 37' 30"



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION JCT OF ROADS SOUTH OF LEASE ELEV. = 1184'

THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAN IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.

Mark C. Echard
 MARK C. ECHARD
 (SIGNED) R.P.E. U.S.S. 490



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS



DATE JULY 5, 2004
 OPERATOR'S WELL NO. H. WILLIAMS NO. 2
 API WELL NO. 47-017
 STATE WV COUNTY PUTNAM PERMIT 4456-DD

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION

WELL TYPE: OIL ___ GAS LIQUID INJECTION ___ WASTE DISPOSAL ___
 (IF "GAS") PRODUCTION STORAGE ___ DEEP ___ SHALLOW
 LOCATION: ELEVATION 1201' WATER SHED LITTLE BATTLE RUN
 DISTRICT MCCLELLAN COUNTY DODDRIEGE

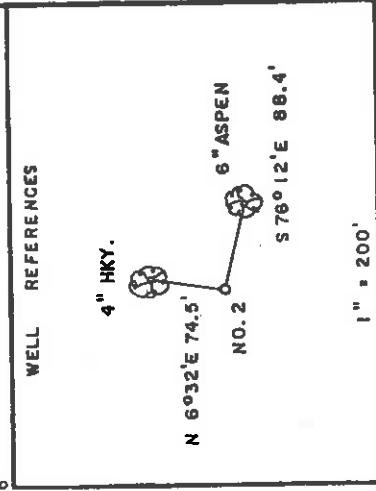
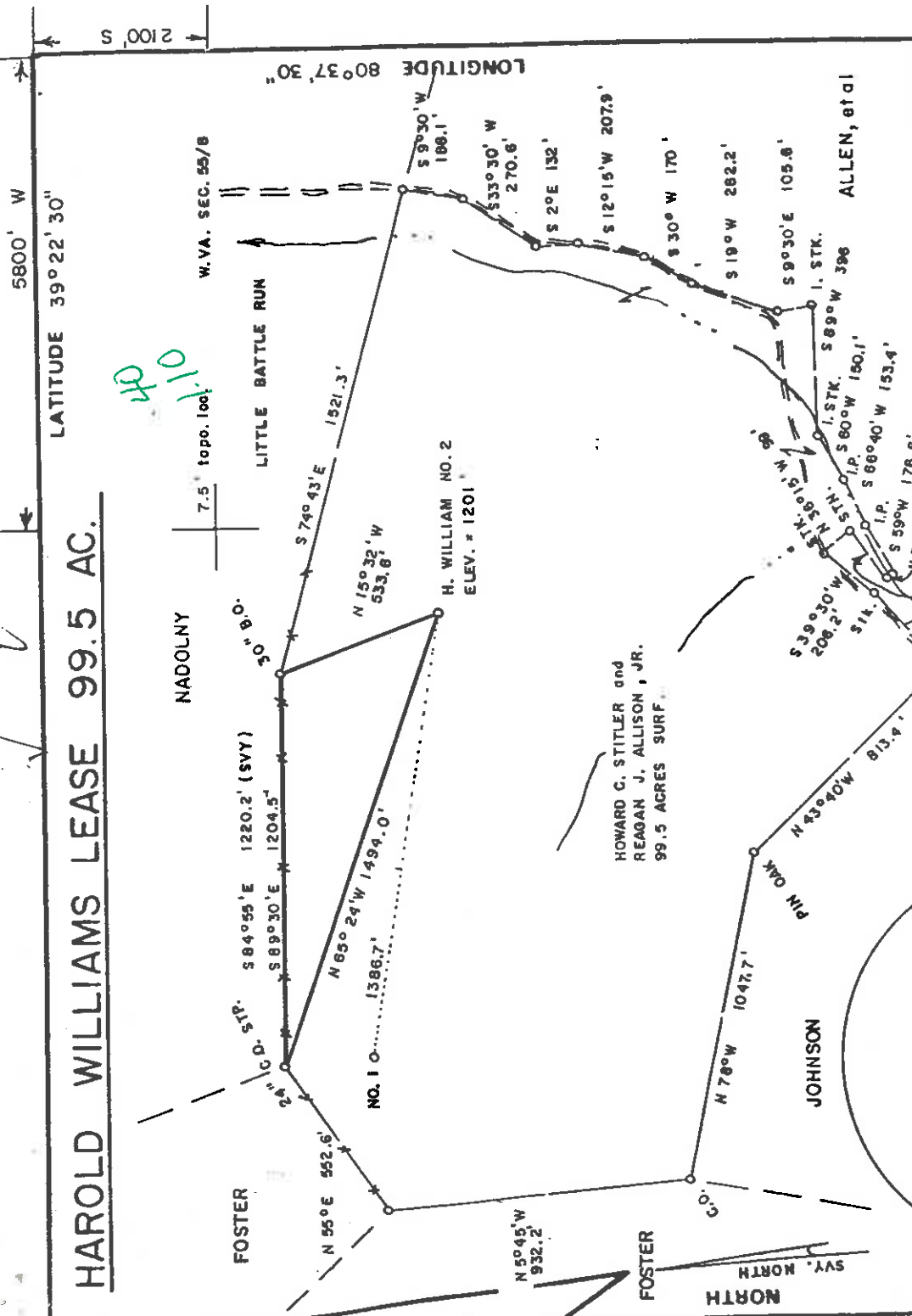
QUADRANGLE SMITHBURG 7.5'
 SURFACE OWNER HOWARD C. STITLER and REAGAN J. ALLISON, JR. ACREAGE 99.5
 OIL & GAS ROYALTY OWNER HAROLD P. WILLIAMS, et al LEASE ACREAGE 99.5

PROPOSED WORK: DRILL ___ CONVERT ___ DRILL DEEPER REDRILL ___ FRACTURE OR STIMULATE PLUG OFF OLD FORMATION ___ PERFORATE NEW FORMATION ___ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON ___ CLEAN OUT AND REPLUG ___
 TARGET FORMATION BENSON ESTIMATED DEPTH 3800'
 WELL OPERATOR D.A.C. DESIGNATED AGENT KENNETH R. MASON
 ADDRESS P.O. BOX 99 ADDRESS P.O. BOX 99
ALMA, WV 26320 ALMA, WV 26320

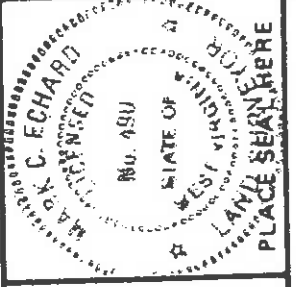
6-6 S.W.1420-1.01-1.4.12.14 95

HAROLD WILLIAMS LEASE 99.5 AC.



FILE NO. _____
 DRAWING NO. _____
 SCALE 1" = 500'
 MINIMUM DEGREE OF ACCURACY 1/200
 PROVEN SOURCE OF ELEVATION JCT OF ROADS
 SOUTH OF LEASE ELEV. = 1184'

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF MINES.
Mark C. Echard
 MARK C. ECHARD
 (SIGNED) R.P.E. _____ L.L.S. 490



WEST VIRGINIA
 DIVISION OF ENVIRONMENTAL PROTECTION
 OFFICE OF OIL AND GAS
 #10 MCGUNKIN ROAD
 NITRO, WEST VIRGINIA 25143-2506



DATE JULY 27 19 98
 OPERATOR'S WELL NO. H. WILLIAMS NO. 2
 API WELL NO. 47-017-04456
 STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF "GAS.") PRODUCTION STORAGE DEEP SHALLOW
 LOCATION: ELEVATION 1201 WATER SHED LITTLE BATTLE RUN
 DISTRICT McCLELLAN COUNTY DOODRIDGE

QUADRANGLE SMITHBURG
 SURFACE OWNER HOWARD C. STITLER and REAGAN J. ALLISON, JR. ACREAGE 99.5
 OIL & GAS ROYALTY OWNER HAROLD P. WILLIAMS, et al LEASE ACREAGE 99.5

LEASE NO. _____
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE PLUG OFF OLD FORMATION PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____

PLUG AND ABANDON CLEAN OUT AND REPLUG ESTIMATED DEPTH 3400'
 TARGET FORMATION GORDON DESIGNATED AGENT KENNETH R. MASON
 WELL OPERATOR D.A.C. ADDRESS P.O. BOX 99
 ALMA, WV 26320

6-6 (99)

pr. B

Well Operator's Report of Well Work

Farm name: Williams

Operator Well No.: H. Williams #2D

LOCATION: Elevation: 1,201'

Quadrangle: Smithburg 7.5'

District: McClellan
Latitude: 2,100 Feet South of
Longitude: 5,800 Feet West of
County: Doddridge
39 Deg. 22 Min. 30 Sec.
80 Deg. 37 Min. 30 Sec.

Company:	Casing & Tubing	Used in drilling	Left in well	Cement fill up Cu. Ft.
Drilling Appalachian Corporation				
Address:				
P.O. Box 99 Alma WV 26320				
Agent: Kenneth Mason	8 5/8	1225	1237	Existing
Inspector: Mike Underwood				
Date Permit Issued: 08/16/2004	4 1/2	3412	3103	Existing
Date Well Work Commenced: 10/23/04				
Date Well Work Completed: 11/05/04	2 7/8	5489	5414	40 sks
Verbal Plugging:				
Date Permission granted on:				
Rotary X Cable Rig				
Total Depth (feet): 5489'				
Fresh Water Depth (ft.): N/A				
Salt Water Depth (ft.): N/A				
Is coal being mined in area (N/Y)? N				
Coal Depths (ft.): N/A				

OPEN FLOW DATA

Producing formation Benson
Gas: Initial open show MCF/d Oil: Initial open flow Bbl/d 5292-5298
Final open flow 180 MCF/d Final open flow Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure 950# psig (surface pressure) after 48 Hours

Second producing formation
Gas: Initial open flow * MCF/d Oil: Initial open flow Bbl/d
Final open flow * MCF/d Final open flow Bbl/d
Time of open flow between initial and final tests _____ Hours
Static rock Pressure _____ psig (surface pressure) after _____ Hours
* = commingled zones

NOTE: ON BACK OF THIS FORM PUT THE FOLLOWING: 1). DETAILS OF PERFORATED INTERVALS, FRACTURING OR STIMULATING, PHYSICAL CHANGE, ETC. 2). THE WELL LOG WHICH IS A SYSTEMATIC DETAILED GEOLOGICAL RECORD OF ALL FORMATIONS,

Signed: Drilling Appalachian Corporation

By: Kenneth R. Mason

Date: November 12, 2004

RECEIVED
Office of Oil & Gas
Office of Chief
NOV 15 2004
WV Department of
Environmental Protection

D000 4456 D

DEC 10 2004

H. Williams #2 D
11-09-04
47-017-04456DD

Stage #1	perts	sand	avg rate	isip
Benson	5292-5298	200 sks	16 bpm	2424#
	15 holes			

Drillers Log

See original WR 35 for Drillers Record for previously drilled formations

New Footage

Sh	3412	3590		
Sd	3590	3620		
Sd/Sh	3620	4515		
Sd	4515	4525		
Sd/Sh	4525	5275		
Sd	5272	5285		
Sh	5285	5489		
TD	5489			

gas ok @ TD = show gas

DEC 10 2004

State of West Virginia
Division of Environmental Protection
Section of Oil and Gas

Well Operator's Report of Well Work

Farm Name: H.P. Williams
Location: Elevation: 1201'
District: West Union
Latitude: 2200 Feet South of
Longitude: 5800 Feet West of
Operators Well No.: H. Williams #2
Quadrangle: Smithburg 7.5'
County: Doddridge
39 Deg. 22 min. 30sec.
80 Deg. 37 min. 30sec.

Company: Drilling Appalachian Corp
P. O. Box 99
Alma, WV 26320

Agent: Kenneth Mason

Inspector: Mike Underwood

Permit Issued: 08/07/98

Well Work Commenced: 09/07/98

Well Work Completed: 09/13/98

Rotary Cable Rig

Total Depth (feet) 3412'

Fresh Water Depths (ft) 93

Salt Water Depths (ft) 1699'

Is coal being mined in area (Y/N) N

Coal Depths (ft): N/A'

used in drilling left in well cement fill up sks

11 3/4	150	125	65
8 5/8	1260	1237	325
4 1/2	3412	3112	410

RECEIVED
COUNTY CLERK
PUTLAND
OCT 15 1998

OPEN FLOW DATA

Producing formation Gordon Pay zone depth (ft) 2940-2954

Gas: Initial open flow 21 MCF/D Oil: Initial open flow 0 BBL/D

Final open flow 324 MCF/D Final open flow show BBL/D

Static Rock Pressure 700 psig (surface pressure) after 48 Hours

Second producing formation Big Injun Pay zone depth (ft)

Gas: Initial open flow 21 MCF/D Oil: Initial open flow 0 BBL/D

Final open flow 324 MCF/D Final open flow 0 BBL/D

static rock pressure * psig (surface pressure) after * Hours

For: Drilling Appalachian Corp.

By: *Samuel A. Mason*

Date: 09-28-98

D000 4456

Stage	Formation	Perfs	Sand	N2
09-23-98	Williams #2			
1	Gordon	2940-2954 15	200 sks	269,000 scf
2	Big Injun	2002-2320	200 sks	245,000 scf

ISIP = 2326#
5 min = 1955#

Drillers Log

Formation	Top	Bottom
fill	0	15
Sh	15	214
Sd	214	258
Sd/Sh	258	680
Sd	680	695
Sh	695	1048
RR	1048	1095
Sd/Sh	1095	1610
Sd	1610	1650
Sd/Sh	1650	2114
Lime	2114	2130
Sd	2130	2148
Lime	2148	2216
Sd	2216	2400
Sh	2400	2510
Sd	2510	2550
Sd/Sh	2550	2939
Sd	2939	2955
Sd/Sh	2955	3412
TD	3412	

Electric Log Tops

Formation	Depth top
Big Lime	2158
Big Injun	2252
Berea	2734
Gordon	2908

Campbell Co
 Electric Log
 OCT 15 1954
 Electric Log
 Campbell Co

wet @ 1699'

gas ck @ 2005 = 1/2" strm oil
 gas ck @ 2010 = 4/10 in 1" w/w
 gas ck @ 3412 = 8/10 in 1" w/w

gas ck @ Collars = no show